R E M A R K S

Reconsideration of the present application, as amended, is respectfully requested.

The September 3, 2003 Office Action and the Examiner's comments have been carefully considered. In response, claims 1-7 are amended, and remarks are set forth below in a sincere effort to place the present application in form for allowance. The amendments are supported by the application as originally filed. Therefore, no new matter is added.

SPECIFICATION

In response to the objection to the disclosure, applicant respectfully declines to insert section headings into the specification as they are not required in accordance with MPEP §608.01(a).

REJECTION UNDER 37 CFR 1.75(c)

In the Office Action, claims 6 and 7 are rejected under 37 CFR 1.75(c) as being in improper form because a multiple dependent claim cannot depend from any other multiple dependent claim.

Claim 6 is amended to be dependent only on claim 1. As a result, new claims 10-12 are added which set forth subject matter

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previously set forth in claim 6.

Claim 7 is rewritten in independent form and includes the subject matter of claim 1.

In view of the changes to claims 6 and 7, it is respectfully submitted that the Examiner's objection to these claims under 35 USC 1.75(c) have been overcome and should be withdrawn.

PRIOR ART REJECTION

In the Office Action claims 1-5 are rejected under 35 USC 102(b) as being anticipated by USP 5,734,915 (Roewer). al.).

The Examiner's rejection is respectfully traversed in view of amendments to claim 1. Claim 1 now specifies that the interface is arranged to select an image from a group of coherent image data of the data file, form a pictorial representative of the selected image and cause the representative pictorial to be displayed on the display unit. The representative pictorial may be a small image showing coarse details only of one image of the group of image data (see the Abstract). When multiple scans are performed by a medical modality, a plurality of pictorial representations, each representative of a single image obtained during a respective scan, would be displayed as shown in Fig. 2.

By displaying the pictorial representation of a single image from each group of image data, an advantage is obtained in that a

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concise survey of the available image data that can be processed
is displayed without displaying all of the available image data
(see the specification at page 1, lines 18-19). The image, from
which the pictorial representation is derived, is selected by the
interface to represent the group of coherent image data stored,
for example, per scan by the medical modality (see page 2, lines
6-7).

Roewer et al. describes a method for arranging medical image
data in which, among other things, multiple images can be
displayed on a visual display device for the purpose of arranging
the images to be printed by a printing device (see col. 13, lines
34-48 and Figs. 4A-4C). Roewer also describes manipulation of
images between various windows, each widow possibly having a
different pattern of frames (see Figs. 10-11C).

Roewer does not disclose, teach or suggest selecting an
image from a coherent group of image data, forming a pictorial
representative of the selected image and causing the
representative pictorial to be displayed on the display unit.
There is no disclosure of the selection of a particular image
from a scan to form or derive therefrom a pictorial and then to
display this pictorial.

Since Roewer does not disclose all of the features of claim
1, it cannot anticipate the embodiments of the invention set

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forth in claim 1 and claims 2-6 which depend therefrom. (It is pointed out that claim 7 includes features similar to those in claim 1 and thus claim 7 is also not anticipated by Roewer.) Moreover, it would not have been obvious to modify Roewer in view of the teachings in Roewer and the prior art to arrive at the present claimed invention.

In view of the foregoing, it is respectfully submitted that the Examiner's rejection of claims 1-5 as being anticipated by Roewer has been overcome and should be withdrawn.

NEW CLAIMS

Claims 8-19 are added. The subject matter of these claims is supported in the specification as originally filed.

Claims 8 and 9 are presented to cover embodiments previously encompassed by claim 3. Claims 10-12 are presented to cover embodiments previously encompassed by claim 6. Claim 13 is directed to the embodiment wherein the image data is medical image data, previously set forth in claim 1.

Claim 14 recites that the representative pictorial is a small image showing coarse details only derived from one of the group of coherent image data (as, for example, in the Abstract).

Claim 15 recites that the interface is arranged to cause the display unit to display only feasible applications for each

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group of coherent image data simultaneously and in association
with the pictorial representation of the image selected from the
group of coherent image data (see, for example, Fig. 2 and the
specification at page 3, lines 10-14).

Claim 16 recites that the image data is combined with
attribute data in the database which characterizes a patient or
the relevant image data and that the interface is arranged to
analyze the attribute data to determine whether to display the
image data upon receiving a viewing command as a film or
individually as pictorials (see, for example, the specification
at page 1, line 34 to page 2, line 5).

Claim 17 recites that the interface is arranged to cause
the display unit to display a plurality of representative
pictorials in a row adjacent one another, each pictorial being
formed from an image selected from a different group of coherent
image data (see, for example, Fig. 2 and the specification at
page 3, lines 6-10).

Claim 18 recites that the interface is arranged to cause
the display unit to display all applications for each group of
coherent image data simultaneously and in association with the
pictorial representation of the image selected from the group of
coherent image data and contrast feasible applications for each
group of coherent image data in comparison to non-feasible

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applications (see, for example, Fig. 2 and the specification at page 3, lines 10-12 wherein feasible applications are in heavy print as opposed to normal print).

Claim 19 recites that the image data is combined with attribute data in the database which characterizes a patient or the relevant image data, the interface being arranged to select, in dependence on the attribute data, feasible applications for each group of coherent image data and upon selection of an application by the input member, cause the display unit to display only those representative pictorials for which the selected application is available (see, for example, the specification at page 3, lines 15-18).

It is respectfully believed that no additional fees are due for the presentation of claims 8-19. However, if any additional fees are due, please charge Deposit Account No. 14-1270 for such sum.
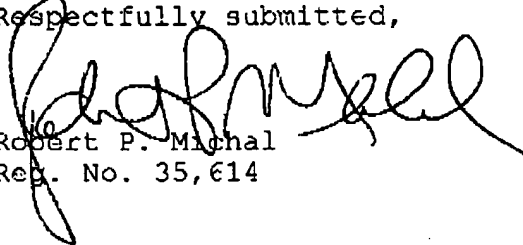
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If the Examiner disagrees with any of the foregoing, it is respectfully requested to point out where there is support for a contrary view.

Entry of this Amendment, allowance of the claims and the passing of this application to issue are respectfully solicited.

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If the Examiner has any comments, questions, objections or recommendations, the Examiner is invited to telephone the undersigned at the telephone number given below for prompt action.

Respectfully submitted,

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